

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-30. (Cancelled)

31. (New) A composition for preservation of an organ, said composition comprising a solution containing:

PEG-Hb;  
an electrolyte; and  
a carbohydrate;

said solution being hypocalcemic relative to the tissue of the organ being preserved.

32. (New) A composition according to claim 31 wherein the electrolyte is selected from the group consisting of:  $\text{MgSO}_4$ , KCl,  $\text{CaCl}_2$ , NaCl,  $\text{NaHCO}_3$ ,  $\text{Na}_2\text{HPO}_4$  and  $\text{NaH}_2\text{PO}_4$ .

33. (New) A composition according to claim 31 wherein the solution further contains a protein.

34. (New) A composition according to claim 33 wherein the protein is selected from the group consisting of albumen and insulin.

35. (New) A composition according to claim 1 wherein the carbohydrate comprises dextrose.

36. (New) A composition according to claim 1 wherein the solution further contains lidocaine.

37. (New) A composition according to claim 1 wherein the solution further contains heparin.

38. (New) A composition according to claim 1 wherein the solution is isotonic.

39. (New) A composition according to claim 1 wherein the solution is normokalemic.
40. (New) A composition according to claim 1 wherein the solution is isotonic and normokalemic.
41. (New) A composition according to claim 1 wherein the solution is oxygenated to a  $pO_2$  of 600 or greater.
42. (New) A composition according to claim 1 wherein the solution comprises:
- PEG-Hb;
  - KCL;
  - NaCl;
  - $NaH_2PO_4$ ;
  - $NaHCO_3$ ;
  - $MgSO_4$ ;
  - $CaCl_2$ ;
  - Lidocaine;
  - Heparin;
  - Dextrose;
  - Albumin;
  - Insulin; and
  - Tromethamine.
43. (New) A composition according to claim 42 wherein the solution comprises:
- about 3 % PEG-Hb;
  - about 4.7 mEq/L KCL;
  - about 148.7 mmol/L NaCl;
  - about 2.5 mmol/L  $NaH_2PO_4$ ;
  - about 2.5 mmol/L  $NaHCO_3$ ;
  - about 5.0 mEq/L  $MgSO_4$ ;
  - about 1.0 mEq/L  $CaCl_2$ ;

about 12.5 mg/L Lidocaine;  
about 1250 units/L Heparin;  
about 6.1 mOsm/L Dextrose;  
about 1.5 gm/L Albumin;  
about 30.6 units/L Insulin; and  
about 7.3 cc/L Tromethamine solution.